Date: Mon, 28 Feb 94 04:30:42 PST
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V94 #45
To: Ham-Homebrew

Ham-Homebrew Digest Mon, 28 Feb 94 Volume 94 : Issue 45

Today's Topics:

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

Date: Sun, 27 Feb 1994 05:12:21 GMT
From: netcomsv!netcom.com!mbutts@decwrl.dec.com
Subject: Challenge: Cheapest (least expensive) homeb
To: ham-homebrew@ucsd.edu

dadams@cray.com (David Adams) writes:

>I am not ready to get into this contest myself, but only because I
>am trying to move the project to 220 instead of 2 meters. Now that
>the FCC has opened the entire 220 band to the Novice class license
>I think it is the perfect opportunity to get my sons interested in
>working toward their first license.

Back in the mid-1960's Novices could run phone (AM in those days)
on 145-147 MHz. The Heath Twoer was a cheap (for then) and simple
kit rig that was very popular. I and quite a few of my teenaged
friends got started on hamming this way. 2 meters may be too
crowded most places for that today, but it would sure be nice
if a cheap simple rig like this could recreate those times for
today's kids.

73 de KC7IT

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Mike Butts, Portland, Oregon   mbutts@netcom.com

Date: 26 Feb 1994 22:51:22 GMT
From: news.larc.nasa.gov!grissom.larc.nasa.gov!kludge@ames.arpa
Subject: Fcc Refulations.
To: ham-homebrew@ucsd.edu

In article <2kmle2$e2b@senator-bedfellow.MIT.EDU> hmwaljee@athena.mit.edu (Hussein M Waljee) writes:
>In order to do this, however, I would have to use a frequency on which to
>transmit. Thus, this project then finds itself at the hands of the FCC. I was
>wondering if anyone out there knows about the regulations concerning broadcasting
>"beeps" over the range of a few square miles in a major city. This will probably
>be a signal in the range of 10^1 kW. Which regulations apply? How do I find
>out about them? What radio bands would/could I use? Any
>idea as to the efficiency of such transmission?

Lots and lots of regulations apply, and you can find them by going to your school library and asking for the FCC regulations. Which part you want depends on what sort of license you want (and you will need a license to do this, indeed).

I recommend looking at the experimental service. Apply for an experimental frequency somewhere between 50 and 500 MHz... the FCC will assign you a frequency wherever they have space. I think that FCC Part 73 is the place to look, but in the case of the experimental service you can basically do anything anywhere if you can convince the FCC that it's important, and you can't do anything at all unless you can. It's designed for stuff like this.

Go to your local FCC field office and explain what you want. They will give you the appropriate paperwork, and really tend to be quite helpful. Expect about a year for the experimental license to get processed.
--scott
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"C'est un Nagra. C'est suisse, et tres, tres precis."

Date: Sat, 26 Feb 94 17:41:13 PST
From: netcomsv!netcomsv!micromed!jolson@decwrl.dec.com
Subject: Remote Controll Device

To: ham-homebrew@ucsd.edu

I'm working on a project which requires a signal to transmit about 100 ft. or so. All the sinal needs to be is a pulse or a steady tone in which it will send a high output into my circuit which will then activate a device of mine. If anyone could provide a scematic Digagram on how to build on of these, I would appreciate this very much...Also if someone cannot answer this, could refer me to a book which would cover projects of a similar nature....Thanx,

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    /   /   /   / | Internet:
   /   _____   ____ /___   /___/ ___ _/_ | JOlson@micromed.com
  /   ___   /   /   / / / /__/ / |
 /   _____   /___ /   / / / / / /_ | PROUD GSAUG MEMBER!

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jolson@micromed.com (Jason Olson)

End of Ham-Homebrew Digest V94 #45
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